IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF OKLAHOMA

STATE OF OKLAHOMA,)
Plaintiff,)
v.) Case No. 4:05-CV-329-GKF-PJC
TYSON FOODS, INC., et al.,)
Defendants.)

STATE OF OKLAHOMA'S REPLY MEMORANDUM IN FURTHER SUPPORT OF MOTIONS IN LIMINE PERTAINING TO ALTERNATE SOURCES OF PHOSPHORUS AND BACTERIA TO THE IRW [DKT #2436] AND BACTERIAL OR PHOSPHORUS LEVELS IN OTHER WATERSHEDS [DKT #2411]

Plaintiff, the State of Oklahoma ("the State"), hereby submits this reply memorandum in further support of its Motions *in Limine* Pertaining To Alternate Sources of Phosphorus and Bacteria To the IRW (Dkt. #2436) and Bacterial or Phosphorus Levels in Other Watersheds (Dkt. #2411).¹

I. ARGUMENT

A. The State's Motion in Limine To Exclude Evidence of Bacterial or Phosphorus Levels in Waters Other Than Those of the IRW Should Be Granted

In response to the State's motion *in limine* to exclude evidence of bacterial or phosphorus levels in waters other than those of the IRW, Defendants argue that such evidence is relevant to the issue of whether causation exists. *See* Response, p. 5. Defendants' argument fails on multiple levels. First and foremost, it fails because the fact that a watershed other than the IRW is contaminated by phosphorus or bacteria does not tend to prove, or tend to disprove,

Defendants mischaracterize the State's motions *in limine* as seeking to exclude any and all discussion of such evidence. That is not correct. The State's motions are particular as to the purposes for which the use of such evidence would be improper and, therefore, the proper subject of an *in limine* order.

that poultry waste is not a source of the phosphorus or bacteria in the IRW. Defendants' own expert, Dr. Herbert DuPont, agrees. *See* Dkt. #2411-2 (DuPont Dep., 59:23-60:18); *id.* at 60:16-18 ("Q: Okay. Does [the fact that other rivers or lakes might be contaminated] tell you anything about the source of the bacteria found in the IRW? A: No.").

Second, Defendants' argument fails because, in any event, they have no competent evidence to support such a comparison. Dr. Timothy Sullivan's effort to compare such water quality data from other watersheds with that of the IRW "is really questionable," in the words of the Court. (8/13/09 Hrg. Tr. at 88:23.) Specifically, Dr. Sullivan's methodology is lacking in scientific basis because Dr. Sullivan (1) did not compare bacteria water quality data to either single sample or 30-day geometric mean water quality standards or identify any violations of water quality standards in the IRW or in other parts of the State, and (2) lacked adequate data to determine whether bacterial geometric mean standards were violated outside the IRW.² See Dkt. #2071 & #2284.

Third, Defendants' argument fails because Dr. John Connolly's efforts to draw such a comparison between different water bodies are scientifically flawed. Specifically, Defendants point to Dr. Connolly's comparison of Lake Tenkiller to two other Oklahoma lakes, Sardis and Hugo, to justify the relevance of comparing other Oklahoma waters to argue that Lake Tenkiller water quality has not been degraded due to land application of poultry waste. Logic dictates that the relevance of such a comparison is dependant on Defendants' expert, Dr.

In a futile effort to rehabilitate Dr. Sullivan's opinions, Defendants now contend that "[t]o the extent that sufficient data exists to make an appropriate comparison Dr. Sullivan remains free to testify as to bacteria or phosphorus levels in other watersheds." *See* Response, p. 5 n.2. However, under Rule 26, Dr. Sullivan is restricted to the opinions disclosed. No such alternative comparison based on levels was disclosed in his report, and Defendants' efforts to offer such an opinion at trial should not be allowed.

Connolly, being able to establish two predicates. First, Dr. Connolly must show that, unlike Lake Tenkiller, Lakes Sardis and Hugo do not have land uses within their respective watersheds such that phosphorous and bacteria are not coming into these lakes due to land application of animal wastes. Second, Dr. Connolly must show that Lakes Sardis and Hugo have similar characteristics to Lake Tenkiller (e.g., similar phosphorus-load-to-lake-water-volume relationship, similar residence times of the water in the lakes, similar depths of water in the lakes, and whether the lakes are similarly stratified during the summer). As shown by Dr. Connolly's answers during his deposition, however, he and Defendants either ignored the existence of these factors³ or that these factors are different between Lake Tenkiller and Lakes Sardis and Hugo.⁴ There are simply too many confounding factors for Dr. Connolly to make a scientific comparison of these lakes. Moreover, such a flawed comparison would only serve to confuse the relationships between phosphorus and lake water quality and phosphorus entering the lake and land application of poultry waste.

³ Dr. Connolly admits that he did not do a study of phosphorus sources in each of the watersheds himself, relying instead on a verbal discussion with another defense expert. *See* Ex. A (Connolly Depo., pp. 291-98). Indeed, Dr. Connolly did not consider phosphorus sources and loadings. *See id.* (Connolly Depo., pp. 301-02).

Dr. Connolly admits that the hydrology and other physical attributes of a reservoir can have a significant impact on the reservoir's water quality and one's ability to compare reservoirs to establish causes of water quality impairment. *See* Ex. A (Connolly Depo., pp. 298-99). Dr. Connolly, however, did not do sufficient study to determine if there were such differences between Tenkiller, Sardis and Hugo. *See id.* (Connolly Depo., p. 316). For example, Dr. Connolly admits that the depth of a reservoir can impact its water quality. *See id.* (Connolly Depo. pp. 300 & 336). There are substantial differences in the depths of Lake Tenkiller vis-à-vis the Hugo and Sardis reservoirs, but, Dr. Connolly did not consider this factor quantitatively when he did his comparison. *See id.* (Connolly Depo., pp. 324-25). In fact, when making his comparison, Dr. Connolly neglected to consider the impact of differences in watershed size, *see id.* (Connolly Depo., pp. 302-03), residence time of water, *see id.* (Connolly Depo., pp. 304-06, 310 & 314-15), reservoir shape, *see id.* (Connolly Depo., pp. 317), flow, *see id.* (Connolly Depo., pp. 316-17), or stratification, *see id.* (Connolly Depo., pp. 325, 328-29 & 333).

And fourth, Defendants' reliance on the Tenth Circuit's comment that "IRW bacteria levels appear not to differ from bacteria levels in other bodies of water throughout Oklahoma, even where poultry farming is less common," *see Attorney General of the State of Oklahoma v. Tyson Foods, Inc.*, 565 F.3d 769, 778 (10th Cir. 2009), as a basis to establish the relevancy of this "evidence" is unavailing. As the Tenth Circuit noted, preliminary injunction proceedings involve "evidence that is less complete than in a trial on the merits." *See id.* at 776. The record for trial is far more developed. Indeed, the testimony from Defendants' own expert demonstrates that bacterial or phosphorus levels in waters other than those of the IRW is not relevant to disproving causation. *See* Dkt. #2411-2 (DuPont Dep., 59:23-60:18).

For all of these reasons, the State's motion *in limine* to exclude evidence of bacterial or phosphorus levels in waters other than those of the IRW for the purposes of showing a lack of causation should be granted.

B. The State's Motion in Limine Pertaining To Other Contributors of Phosphorus and Bacteria to the IRW Should Also Be Granted

In response to the State's motion *in limine* seeking to exclude for certain purposes evidence relating other contributors of phosphorus and bacteria in the IRW, Defendants argue that such evidence is relevant to show the State's "inability to prove that poultry litter, as opposed to some other source, is responsible for bacteria or phosphorous found in the waters of the IRW, . . . the availability of joint and several liability, and the Court's determinations regarding injunctive relief." *See* Response, p. 1. Defendants are wrong on these three fronts.

1. Causation

Defendants contend that "evidence of other sources of bacteria and phosphorus in the IRW and of similar bacteria and phosphorus levels in waters outside the IRW . . . is relevant to causation." Response, p. 2. This is not correct as a blanket statement. As Chief Judge Eagan

held in *City of Tulsa*, evidence of other contributions of phosphorus could be relevant for the purpose of "defendants' proof of *want of causation*." *City of Tulsa*, 258 F. Supp. 2d at 1302. This is not a statement that other contributors are relevant to causation *generally*, but rather for the purpose of showing *want of causation*. Such an exception does not apply here, where Defendants have no evidence to prove *want of causation*. There is no genuine dispute in this case that land-applied poultry waste is a cause of water pollution in the IRW. *See* Dkt. #2199-2, ¶ 42 (Defendants admitting that "phosphorus is contributed to stream water during high-flow events from point <u>and</u> non-point sources" [emphasis added]); Dkt. #2200, ¶ 44 (admitting "[p]oultry litter is one of multiple sources of phosphates in the watershed"). Thus, Defendants cannot use evidence of other sources of contamination to prove *want of causation*. Reciting general principles of causation as an element of tort claims, as Defendants do (*see* Response, p. 2) does not instruct otherwise.

2. Joint and Several Liability

Defendants acknowledge that "joint and several liability may apply if the harm suffered is 'indivisible'" Response, p. 6. Defendants argue, however, that "where the plaintiff has contributed to its own injury, the indivisible injury theory does not apply and, as a result, joint and several liability is not available." *Id.* Thus, they claim, evidence of the State's alleged contributions of phosphorus and bacteria to the IRW is relevant.⁵ This is not the law.

Because the State's claims (as the case is currently postured) are intentional torts, the defense of contributory negligence is not available. *See* Restatement (Second) of Torts § 840B(2) ("When the harm is intentional, or the result of recklessness, contributory negligence is not a defense."). This was precisely one of Chief Judge Eagen's conclusions in

Notably, Defendants do not claim that anyone else's contributions of phosphorus and bacteria to the IRW is relevant for this purpose.

City of Tulsa v. Tyson Foods, Inc., 258 F. Supp. 2d 1263, 1302 (N.D. Okla. 2003), vacated in connection with settlement. See also Graham v. Keuchel, 847 P.2d 342, 363 (Okla. 1993). Simply put, any evidence relating to the State's alleged contributions of phosphorus and bacteria to the IRW is simply irrelevant to the question whether joint and several liability applies. Any possible probative value of such evidence would be substantially outweighed by the danger of confusion of the issues for the jury.

In sum, because liability under Counts IV, V, and VI is joint and several, evidence of other contributors of phosphorus and bacteria to the IRW should be precluded for the purpose of implying or arguing that any or all Defendants are not jointly and severally liable.

3. Injunctive Relief

Finally, Defendants improperly argue that evidence of other contributors of bacteria and phosphorus to the IRW is relevant to the Court's fashioning of injunctive relief. Simply put, Defendants cite *no* authority for this proposition. *Hecht* (which Defendants cite only for the discretionary standard) and *Weinberger* (also cited by Defendants) do not stand for such proposition.

Moreover, contrary to Defendants' suggestion, the fact that the Court enjoys discretion to fashion injunctive relief does not render relevant the contributions of phosphorus and bacteria to the IRW by other individuals or entities against whom claims for injunctive relief are not pending.

Finally, Defendants claim that evidence regarding other contributors of bacteria and phosphorus levels in the IRW is somehow relevant because "[a]n injunction should issue only where the intervention of a court of equity is essential in order effectually to protect property rights against injuries otherwise irremediable," (Defs.' Brf. at 7) (quoting *Weinberger v. Romero-Barcelo*, 456 U.S. 305, 312 (1982)). Defendants' argument that they would use such

evidence to show that the harm to the IRW is irremediable lacks credulity. Defendants do not have any expert testimony (and do not cite any in their Response) to support their latest proposition that evidence of other contributors of phosphorus and bacteria is relevant "to determining whether the harm is irreparable." Response, p. 7. They simply fail to make any showing as to how such evidence bears on the issues at hand.

Finally, Defendants' reference on page 7 to the denial of the State's motion for a preliminary injunction as support for their opposition to the State's Motion is wholly inappropriate and should not be countenanced. See State of Oklahoma, 565 F.3d at 776 ("the findings of fact and conclusions of law made by a court granting a preliminary injunction are not binding at trial on the merits" (internal quotation marks omitted)); Louis Vuitton Malletier v. Dooney & Bourke, Inc., 561 F. Supp. 2d 368, 382 (S.D.N.Y. 2008) ("findings of fact and conclusions of law made on a motion for preliminary injunction are not binding on the Court when deciding a motion for summary judgment" in part because "parties are held to different standards of proof in preliminary injunction hearings than in motions for summary judgment" (internal quotation marks omitted)); Krauth v. Executive Telecard, Ltd., No. 95 Civ. 3967, 1996 U.S. Dist. LEXIS 669, at *32 (S.D.N.Y. Jan. 24, 1996) ("decision on a preliminary injunction hearing does not conclusively decide issues of fact and a court, on a subsequent motion, is not bound by its former decision which applied preliminary injunction standards"); see also 11A Charles Alan Wright, et al., Federal Practice & Procedure § 2950 (2009) ("provisional decisions should not be used outside the context in which they originally were rendered").

II. CONCLUSION

Based on the foregoing and the State's initial briefs, the State respectfully requests that the Court grant its Motions *in Limine* (Dkt. #2411 & #2436).

Respectfully Submitted,

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